

WHAT IS CLAIMED IS:

1. An image processing method comprising the steps of:
receiving at least one of photographed image data,
temporary camera control information, additional information
and indication information of a desired processing content from
a camera; and

reasoning out or creating at least one information of
information relating to photographing control, information
relating to image processing and information relating to a
photographed image, in accordance with said at least one of said
photographed image data, said temporary camera control
information, said additional information and said indication
information which have been received.

2. The image processing method according to claim 1,
wherein said information relating to the photographed image is
information related to a subject or a photographing condition.

3. The image processing method according to claim 1,
wherein said at least one information reasoned out or created
is supplied to said camera.

4. The image processing method according to claim 1,

wherein the step of receiving said at least one of said photographed image data, said temporary camera control information, said additional information and said indication information from said camera and the step of supplying said at least one information to said camera are performed by wired or radio communications.

5. The image processing method according to claim 1, wherein said information relating to the photographed image is principal subject information reasoned out or created in accordance with said photographed image data,

wherein said information relating to the photographing control is at least one of camera control information set in accordance with said principal subject information and camera position information reasoned out or created in accordance with said photographed image data and photographing place information as said additional information, and

wherein at least one of said principal subject information, said camera control information and said camera position information is supplied to said camera.

6. The image processing method according to claim 1, wherein said additional information is at least one of information relating to deterioration of marginal lumination

of said camera, information relating to poor focus of said camera, information relating to gradation control of density or color of an image, information relating to sharpness enhancement processing or smoothing processing of the image, information relating to geometrical adjustment of the image and information relating to designation of an applicable area of these image processing, and

wherein said information relating to the image processing is reasoned out or created in accordance with said additional information received from said camera.

7. The image processing method according to claim 1, wherein said additional information is at least one of information related to an image to be composited in an output image and information related to a character to be composited in said output image,

wherein at least one of information related to a composite image and information related to a composite character is reasoned out or created in accordance with said additional information received from said camera, and

wherein at least one of the information related to said composite image and the information related to said composite character which have been reasoned out or created is supplied to said camera.

8. An image processing apparatus comprising:

a receiving/supplying unit which receives at least one of photographed image data, temporary camera control information, additional information and indication information of a desired processing content from a camera having an image sensor and capable of obtaining the photographed image data; and

an information processing unit which reasons out or creates at least one information of information relating to photographing control, information relating to image processing and information relating to a photographed image in accordance with said at least one of said photographed image data, said temporary camera control information, said additional information and said indication information.

9. The image processing apparatus according to claim 8, wherein said information processing unit supplies said at least one information reasoned out or created to said camera by said receiving/supplying unit in accordance with processing to be performed.

10. The image processing apparatus according to claim 8, wherein said receiving/supplying unit is an information

communication unit.

11. The image processing apparatus according to claim 8, wherein said information relating to the photographed image is principal subject information reasoned out or created in accordance with said photographed image data,

wherein said information relating to the photographing control is at least one of camera control information set in accordance with said principal subject information and camera position information reasoned out or created in accordance with said photographed image data and photographed place information as said additional information, and

wherein said information processing unit supplies at least one of said principal subject information, said camera control information and said camera position information which have been reasoned out or created to said camera by said receiving/supplying unit.

12. The image processing apparatus according to claim 8,

wherein said additional information is at least one of information relating to deterioration of marginal lumination of said camera, information relating to poor focus of said camera, information relating to gradation control of density

or color of an image, information relating to sharpness enhancement processing or smoothing processing of the image, information relating to geometrical adjustment of the image and information relating to designation of an applicable area of these image processing, and

wherein said information processing unit reasons out or creates said information relating to the image processing in accordance with said additional information which has been received.

13. The image processing apparatus according to claim 8, wherein said additional information is at least one of information related to an image to be composited in an output image and information related to a character to be composited in said output image, and

wherein said information processing unit reasons out or creates at least one of information related to a composite image and information related to a composite character in accordance with said additional information which has been received and supplies at least one of the information related to said composite image and the information related to said composite character which have been reasoned out or created to said camera.

14. A camera comprising:

an image sensor for obtaining photographed image data;

an input unit for inputting at least one of additional information and indication information of a desired processing content; and

an information sending/receiving unit for sending at least one of said photographed image data which has been obtained, temporary camera control information which has temporarily been set, said additional information which has been inputted and said indication information which has been inputted to an image processing apparatus, as well as, receives at least one information of information relating to photographing control, information relating to image processing and information relating to photographed image which have been reasoned out or created by said image processing apparatus in accordance with said at least one of said photographed image data, said temporary camera control information, said additional information and said indication information, from said image processing apparatus.

15. A photographing system comprising:

a camera; and

an image processing apparatus; wherein
said camera comprises:

an image sensor for obtaining photographed image data;
an input unit for inputting at least one of additional
information and indication information of a desired processing
content; and

an information sending/receiving unit for sending at
least one of said photographed image data which has been
obtained, temporary camera control information which has
temporarily been set, said additional information which has
been inputted and said indication information which has been
inputted to said image processing apparatus, as well as,
receives at least one information of information relating to
photographing control, information relating to image
processing and information relating to a photographed image
which have been reasoned out or created by said image processing
apparatus in accordance with said at least one of said
photographed image data, said temporary camera control
information, said additional information and said indication
information, from said image processing apparatus; and wherein

said image processing apparatus comprises:

a receiving/supplying unit which receives said at least
one of said photographed image data, said temporary camera
control information, said additional information and said
indication information from said camera; and

an information processing unit which reasons out or

creates said at least one information of the information relating to said photographing control, the information relating to said image processing and the information relating to said photographed image in accordance with said at least one of said photographed image data, said temporary camera control information, said additional information and said indication information.

1. A method of controlling a camera, comprising:
2. receiving a first signal;
3. processing the first signal to produce a second signal;
4. controlling the camera based on the second signal;
5. receiving a third signal;
6. processing the third signal to produce a fourth signal;
7. controlling the camera based on the fourth signal;
8. receiving a fourth signal;
9. processing the fourth signal to produce a fifth signal;
10. controlling the camera based on the fifth signal;
11. receiving a fifth signal;
12. processing the fifth signal to produce a sixth signal;
13. controlling the camera based on the sixth signal;
14. receiving a sixth signal;
15. processing the sixth signal to produce a seventh signal;
16. controlling the camera based on the seventh signal;
17. receiving a seventh signal;
18. processing the seventh signal to produce an eighth signal;
19. controlling the camera based on the eighth signal;
20. receiving an eighth signal;
21. processing the eighth signal to produce a ninth signal;
22. controlling the camera based on the ninth signal;
23. receiving a ninth signal;
24. processing the ninth signal to produce a tenth signal;
25. controlling the camera based on the tenth signal;